

## EAST Search History

| Ref # | Hits | Search Query   | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|--|--|------------------|---------|------------------|
| L1    | 1791 | (magnetostriiction WITH (value constant))  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB       | OR               | ON      | 2007/06/29 11:36 |
| L2    | 2706 | (magnetostriict\$3 WITH (value constant))  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB       | OR               | ON      | 2007/06/29 11:36 |
| L3    | 91   | (magnetostriict\$3 WITH (value constant)) AND ((DC direct) NEAR3 field) AND((AC alternat\$3) NEAR3 field)  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB       | OR               | ON      | 2007/06/29 12:08 |
| L4    | 91   | (magnetostriict\$3 WITH (value constant)) AND ((DC direct) NEAR3 field) AND ((AC alternat\$3) NEAR3 field)   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB       | OR               | ON      | 2007/06/29 11:40 |
| L5    | 86   | (magnetostriict\$3 WITH (value constant)) AND ((DC direct) NEAR3 field) AND ((AC alternat\$3) NEAR3 field) AND (stress strain bend\$3)                                     | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB       | OR               | ON      | 2007/06/29 11:44 |
| L6    | 54   | (magnetostriict\$3 NEAR2 (value constant)) AND ((DC direct) NEAR3 field) AND ((AC alternat\$3) NEAR3 field) AND (stress strain bend\$3)                                    | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB       | OR               | ON      | 2007/06/29 13:38 |
| L7    | 60   | ((magnetostriict\$3 magnetoelastic "magneto-elastic") NEAR2 (value constant)) AND ((DC direct) NEAR3 field) AND ((AC alternat\$3) NEAR3 field) AND (stress strain bend\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB       | OR               | ON      | 2007/06/29 11:46 |
| L8    | 5    | ("4310798").URPN.  | USPAT  | OR               | ON      | 2007/06/29 12:04 |
| L9    | 298  | 324/209.ccls.  | USPAT  | OR               | ON      | 2007/06/29 12:05 |
| L10   | 474  | 324/209.ccls.  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2007/06/29 12:05 |

## EAST Search History

|     |      |   |   |    |    |                  |
|-----|------|---|---|----|----|------------------|
| L11 | 17   | L10 AND ((DC direct) NEAR3 field)<br>AND((AC alternat\$3) NEAR3 field)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/29 13:35 |
| L12 | 17   | L10 AND ((DC direct) NEAR3 field)<br>AND ((AC alternat\$3) NEAR3 field) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/29 12:26 |
| L13 | 237  | 73/1.15.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/29 13:34 |
| L14 | 0    | L13 AND ((DC direct) NEAR3 field)<br>AND ((AC alternat\$3) NEAR3 field) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/29 12:26 |
| L15 | 10   | ("4656421").URPN.   | USPAT   | OR | ON | 2007/06/29 12:44 |
| L16 | 746  | 73/839,779,862.292,862.69.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/29 13:35 |
| L17 | 12   | L16 AND ((DC direct) NEAR3 field)<br>AND((AC alternat\$3) NEAR3 field)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/29 13:38 |
| L18 | 1612 | (magnetostrict\$3 NEAR2 (value<br>constant))                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/29 13:37 |
| L19 | 1034 | (magnetostrict\$3 NEAR2 (value<br>constant)) AND (force strain stress)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/29 15:09 |
| L20 | 53   | L19 AND ((DC direct) NEAR3 field)<br>AND((AC alternat\$3) NEAR3 field)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/06/29 13:38 |

## EAST Search History

|     |     |   |  |    |    |                  |
|-----|-----|---|--|----|----|------------------|
| L21 | 79  | (magnetostrikt\$3 WITH (measur\$3 test\$3)) AND ((DC direct) NEAR3 field) AND ((AC alternat\$3) NEAR3 field) AND (force stress strain)  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/29 14:06 |
| L22 | 24  | ("4510489"   "4561314"   "4621503"   "4660025"   "4745401"   "4769631"   "4980670"   "5053112"   "5130697"   "5499015"   "5514337"   "5538803"   "5552778"   "5554974"   "5563583"   "5565847"   "5585772"   "5597534"   "5672812"   "5747986"   "5754110"   "5821129"   "5841350"   "5859587").PN. | US-PGPUB; USPAT; USOCR                             | OR | ON | 2007/06/29 13:47 |
| L23 | 8   | ("6393921").URPN.   | USPAT  | OR | ON | 2007/06/29 13:47 |
| L24 | 610 | (sensor WITH (measur\$3 test\$3)) AND ((DC direct) NEAR3 field) AND ((AC alternat\$3) NEAR3 field) AND (force stress strain)  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/29 14:07 |
| L25 | 215 | L24 AND ("324"/\$.ccls. "73"/\$.ccls.)  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/29 14:29 |
| L26 | 407 | 324/232.ccls.   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/29 14:38 |
| L27 | 1   | ("4310798").PN.   | US-PGPUB; USPAT; USOCR                             | OR | ON | 2007/06/29 14:30 |
| L28 | 1   | ("6664783").URPN.   | USPAT  | OR | ON | 2007/06/29 14:30 |
| L29 | 431 | 324/212.ccls.   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/29 14:39 |
| L30 | 133 | 324/212.ccls. AND (stress strain force bend\$3)   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/29 14:42 |

## EAST Search History

|     |      |   |  |    |    |                  |
|-----|------|---|--|----|----|------------------|
| L31 | 14   | 324/212.ccls. AND (stress strain force bend\$3) AND ((AC alternat\$3) NEAR3 field)                          | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/29 14:42 |
| L32 | 285  | 324/212,202,209,210,228,232,252. ccls. AND (stress strain force bend\$3) AND ((AC alternat\$3) NEAR3 field) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/29 14:43 |
| L33 | 3990 | 324/212,202,209,210,228,232,252. ccls.  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/29 14:43 |
| L34 | 50   | 324/232,209.ccls. AND ((AC alternat\$3) AND (force stress strain bend\$3)).clm.                             | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/29 15:38 |
| L35 | 3    | "2900282".pn.   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/29 15:38 |
| L36 | 13   | ("3336154").URPN.   | USPAT  | OR | ON | 2007/06/29 15:50 |
| L37 | 1    | ("4310798").PN.   | US-PGPUB; USPAT; USOCR                             | OR | ON | 2007/06/29 15:56 |
| L38 | 1    | ("6664783").URPN.   | USPAT  | OR | ON | 2007/06/29 15:56 |
| S1  | 16   | "539471"  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/06/29 11:36 |